



Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

SCIENCE @ DIRECT®

Sedimentary Geology 162 (2003) 335–336

**Sedimentary  
Geology**

[www.elsevier.com/locate/sedgeo](http://www.elsevier.com/locate/sedgeo)

## Contents Volume 162 (2003)

### *Preface*

The production, transport, and accumulation of sediment: a cross-section of recent developments with an emphasis on climate effects

S.L. Goodbred Jr. and S.K. Kuehl . . . . . 1

### *Modelling papers*

Predicting the terrestrial flux of sediment to the global ocean: a planetary perspective

J.P.M. Syvitski, S.D. Peckham, R. Hilberman and T. Mulder . . . . . 5

Late Quaternary evolution of the Yellow/East China Sea tidal regime and its impacts on sediments dispersal and seafloor morphology

K. Uehara and Y. Saito . . . . . 25

Muddled or mixed? Inferring palaeoclimate from size distributions of deep-sea clastics

G.J. Weltje and M.A. Prins . . . . . 39

### *Review papers*

Late Quaternary sediment fluxes from tropical watersheds

M.F. Thomas . . . . . 63

Response of the Ganges dispersal system to climate change: a source-to-sink view since the last interstage

S.L. Goodbred Jr. . . . . 83

### *Field papers*

Suspended sediment fluxes in a high-Arctic glacierised catchment: implications for fluvial sediment storage

R. Hodgkins, R. Cooper, J. Wadham and M. Tranter . . . . . 105

Alluvial deposition and lake-level fluctuations forced by Late Quaternary climate change: the Dead Sea case example

Y. Klinger, J.P. Avouac, D. Bourles and N. Tisnerat . . . . . 119

Massive siliciclastic discharge to slopes of the Great Barrier Reef Platform during sea-level transgression: constraints from sediment cores between 15°S and 16°S latitude and possible explanations

G.B. Dunbar and G.R. Dickens . . . . . 141

*Publisher's note* . . . . . iii

### *ExpresSed*

Silica-replaced oolites, bedded shelf cherts and Paleozoic changes in the silica cycle

D.L. Kidder and S.A. Mumma . . . . . 159

*Research Papers*

Sedimentology of coarse-clastic beach-ridge deposits, Essex, southeast England	
A. Neal, J. Richards and K. Pye . . . . .	167
Are current models of tufa sedimentary environments applicable to tropical systems? A case study from the Gregory River	
K.D. Carthew, M.P. Taylor and R.N. Drysdale . . . . .	199
Dolomitization of the Pedro Castle Formation (Pliocene), Cayman Brac, British West Indies	
A. MacNeil and B. Jones . . . . .	219
Transgressive–regressive cycles and Jurassic palaeogeography of northeast Iberia	
M. Aurell, S. Robles, B. Bádenas, I. Rosales, S. Quesada, G. Meléndez and J.C. García-Ramos . . . . .	239
The depositional evolution of diapir- and fault-bounded rift basins: examples from the Lusitanian Basin of West Iberia	
T.M. Alves, G. Manuppella, R.L. Gawthorpe, D.W. Hunt and J.H. Monteiro . . . . .	273
Sequence stratigraphy of a lagoonal estuarine system—an example from the lower Permian Rio Bonito Formation, Paraná Basin, Brazil	
M. Holz . . . . .	305
<i>Author Index Volume 162 (2003)</i> . . . . .	333
<i>Contents Volume 162 (2003)</i> . . . . .	335

